Bill

-15/14/8/14

BR - 289/28/8/14.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Reference to last Measurement 8

Name of Work: Improvements to Roads and Drains at (Kaderamma Temple) Apartment Back Side roads in ward No-10. — 251342

Name and Address of Agency: K.R.I.D.L.

Date of commencement of work:

Serial No.	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order No: 010-14-000026.						
	Estimate order No: EE/BTP/KRIDL/WO/463/2013-14. Date 21/02/2014						
	Approved No: 463, Date 21/2/2014.						
	Address of Agency: #119, 11th cross Silvestra arched 3rd floor East park road, Malleshwaram, Bangalore-560003.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refere to las Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2meters and an average lift upto 0. Excavated surface leveled Kafferamma Temple 2nd cross	1	30.00	(4.6+4.50)/2	0.20 =	27.30Cum	
		1	20.10	(4.5+4.5)/2	0.20 =	18.09 Cum	
	3rd Cross	1	30.00	(4.4+4.30)/2	0.20 =	26.10Cum	
	4th Cross	1	18.20	(4.30+4.40)/2	0.20 =	[illegible]	
		1	30.00	(5.0+4.90)/2	0.20 =	29.70Cum	
	5th Cross	1	19.80	(4.90+5.10)/2	0.20 =	19.80Cum	
		1	30.00	(4.5+4.40)/2	0.20 =	26.70Cum	

Assistant Executive
Vidyaranyapura Sub
[illegible], Bangalor

M. A. R. 57 (Rule 116)
Measurement Book

No. B

From..... To.....

Name of Work.....

Name and nature of Agency .....

Date of commencement of work .....

251343

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1	11.00	$\frac{(4.4+4.65)}{2}$	0.20 =	9.96 Cum	
	1	30.80	4.50	0.20 =	27.72 Cum	
				Total =	200.00 Cum	
	@ Rs	90.72			Rs 18144.00	

Assistant Executive Engineer
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BBMP, Bangalore-97

Providing and filling of embankment with approved materials (gravel/murram) with all lifts and leads, transporting to site, spreading grading to required slope and

	1	30.00	$\frac{(4.6+4.50)}{2}$	0.20 =	27.30 Cum.	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refere to las Measure
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd cross	1	20.10	$\frac{(4.5+4.50)}{2}$	0.20 =	18.09 cum	
		1	30.00	$\frac{(4.4+4.30)}{2}$	0.20 =	26.10 cum	
	4th cross	1	18.20	$\frac{(4.3+4.40)}{2}$	0.20 =	15.83 cum	
		1	30.00	$\frac{(5.0+4.90)}{2}$	0.20 =	29.70 cum	
	5th cross	1	19.80	$\frac{(4.9+5.10)}{2}$	0.20 =	19.80 cum	
		1	30.00	$\frac{(4.5+4.40)}{2}$	0.20 =	26.74 cum	
	7th cross	1	11.00	$\frac{(4.40+4.65)}{2}$	0.20 =	9.98 cum	
		1	30.80	4.50	0.20 =	27.72 cum	
					Total =	200.00 cum	
		@ Rs	163.24			Rs 32648.00	

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Vijayaranyapura Sub D
BBMP, Bangalore -

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251344

From..... To.....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Brief description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Providing and laying in position Plain cement concrete of mix M7.5 with 180 kgs Cement using 40mm and down size graded granite metal Coarse aggregates						
Kalikamba Temple	1	30.00	(4.6+4.50)/2	0.15	= 20.48 Cum	
	1	20.10	(4.5+4.80)/2	0.15	= 13.57 Cum	
	1	30.00	(4.4+4.30)/2	0.15	= 19.88 Cum	
	1	18.20	(4.3+4.40)/2	0.15	= 11.88 Cum	
	1	30.00	(5.0+4.90)/2	0.15	= 22.24 Cum	

CIFC Pad 28/8

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th Cross	1	19.80	$\frac{(4.9+5.0)}{2}$	0.15	= 14.85 Cum	
		1	30.00	$\frac{(4.5+4.4)}{2}$	0.15	= 20.03 Cum	
	7th Cross	1	16.00	$\frac{(4.4+4.6)}{2}$	0.15	= 7.47 Cum	
		1	30.80	4.50	0.15	= 20.79 Cum	
						Total = 150.00 Cum	
		@ RS 4290.84				RS 643626.00	

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BBMP, Bangalore - 97

4) providing & fixing 20mm thick compressible fibre board in expansion joint complete as per drawing & technical

5	4.60		= 23.00 sqm
6	4.30		= 25.80 sqm
6	5.00		= 30.00 sqm

M. A. R. 57 (Rule 116)
Measurement Book

No. B

From..... To.....

251345

Description of nature of Agency .....

Description of work .....

Description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	4	4.50		=	18.00 sqm	
	3	4.50		=	13.20 sqm	
				Total =	110.00 sqm	
	@ Rs	137.16			Rs 15088.00	
Providing and laying Cement Concrete using 20mm nominal size granite metal of Ready mixed concrete (RMC) for RCC works laid in (15cm) thick and well compacted						
Temple	1	30.00	$\frac{(4.6+4.50)}{2}$	0.15 =	20.48 Cum	
	1	20.10	$\frac{(4.5+4.50)}{2}$	0.15 =	13.57 Cum	

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BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3rd cross	1	30.00	$\frac{(4.4+4.30)}{2}$	0.15 =	19.58 Cum	
	4th cross	1	18.20	$\frac{(4.30+4.40)}{2}$	0.15 =	11.88 Cum	
	5th cross	1	30.00	$\frac{(5.0+4.90)}{2}$	0.15 =	22.28 Cum	
		1	19.80	$\frac{(4.9+5.10)}{2}$	0.15 =	14.85 Cum	
		1	30.00	$\frac{(4.5+4.44)}{2}$	0.15 =	20.03 Cum	
	7th cross	1	11.00	$\frac{(4.4+4.68)}{2}$	0.15 =	7.47 Cum	
		1	30.80	4.50	0.15 =	20.79 Cum	
					Total =	150.00 Cum	
	@ Rs 6464.88					Rs 969732.00	

Executive Engg
Byatarayanapura D
Yelahanka Zone
Bangalore

Asst. Executive Engineer
Vidyaranyapura Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. B

From..... To.....

251346

Name of Contractor or nature of Agency .....

Name of work .....

Description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
De-watering with vaccum pump and suction mat and compaction						
Slow floater Clubbed with floating dose excluding cost						
Kalleshwara Temple						
	1	30.00 (4.6+4.50)/2			= 136.50 Sqm	
	1	20.20 (4.5+4.50)/2			= 90.45 Sqm	
	1	30.00 (4.4+4.30)/2			= 130.50 Sqm	
	1	18.20 (4.3+4.40)/2			= 79.17 Sqm	
	1	30.00 (5.10+4.90)/2			= 148.50 Sqm	
	1	19.80 (4.9+5.10)/2			= 99.99 Sqm	

CRF Page

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th Cross	1	30.00 $\frac{(4.5+4.4)}{2}$		=	133.50 Sqt	
	7th Cross	1	11.00 $\frac{(4.4+4.65)}{2}$		=	49.78 Sqt	
		1	30.80	4.50	=	138.60 Sqt	
					Total =	1000.00 Sqt	
		@ Rs 91.80					Rs 91800.00
7)	Lead for Disposal of Debris shall be payable at carriage rate by Mechanical means including loading and unloading						
	Qty vide Item No-01				=	200.00 Cum	
		@ Rs 72.71					Rs 14542.00

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28/8/24

Assist... Advara... ...neer ...vision

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251347

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Item	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	add 1% for third party QC inspection charges					RS	17856.00
	add 11% for KRIDL Service charges					RS	196414.00
					Total	RS	1999850.00
	Certificate:-						
	Certified that the above work done satisfactory and no-materials issued from departmentally						Jadhav AE 28/8/2014
	Jadhav AE 28/8/2014						

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Vidyaranyapura Sub Division
Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Sketch Showing the locations of work done Spot

DBS Road

Govt School

CC Road

25th Cross

← 50.60 M. →

2nd Cross

← 48.20 M →

3rd Cross

← 49.80 M →

4th Cross

← 41.00 M →

5th Cross

6th Cross

← 30.80 M →

7th Cross

DBS Main road

St Philomina's School

Zadha
AE

Aparna AEE

Assistant Executive Engineer
Vidyaranyapura Sub Division